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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,377	01/07/2002	Sung Bong You	P-0282	5561

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FLESHNER & KIM, LLP  
P.O. BOX 221200  
CHANTILLY, VA 20153

EXAMINER

TRAN, TAM D

ART UNIT PAPER NUMBER

2676

DATE MAILED: 03/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/036,377

Applicant(s)

YOU, SUNG BONG

Examiner

Tam D. Tran

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-40 are rejected under 35 U.S.C. 102(e) as being anticipated by Liu et al. (PAP US 2002/0077808 A1), hereinafter simply Liu.

2. In regard to claims 1, 10, 19, 23, 25, 27, 29, 31, 33, 35, 37, 39, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, see abstract, comprising: storing a set of European alphabet letters in a memory (data file); see col.2 paragraph 51; inputting an alphabet letter to be converted to a European alphabet letter; see col.1 paragraph 6; determining whether a mode conversion key has been activated; see col.3 paragraph 57; displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter on a pop-up window when it is determined that the mode conversion key has been activated, wherein the European alphabet letters are read from the memory; see col.2 paragraph 53; and selecting a desired one of the displayed European alphabet letters. See col.3 paragraph 54, 56.

Art Unit: 2676

3. In regard to claims 2, 11, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising checking whether the editing mode has been selected. See col.2 paragraph 53.

4. In regard to claim 3, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising storing a set of European alphabet letter in a memory (data file); see col.2 paragraph 51.

5. In regard to claims 4, 20, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising wherein the European alphabet letter set includes a plurality of European alphabet letters divided into a Capital letter group and a small letter group. See Fig.6.

6. In regard to claims 5, 12, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a save key in the editing mode. See col.2 paragraph 47.

7. In regard to claims 6, 13, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the displayed European alphabet letters appear in a pop-up window. See Fig.6.

8. In regard to claims 7, 14, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a cancel key in the editing mode when the pop-up window is displayed. See col.3 paragraph 59.

Art Unit: 2676

9. In regard to claims 8, 15, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the pop-up window disappears when either the mode conversion key or the cancel key is pressed. See col.3 paragraph 59.

10. In regard to claims 9, 18, 21, 24, 26, 28, 30, 32, 34, 36, 38, 40, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the step of displaying a plurality of European alphabet letters, comprises: judging whether the inputted alphabet letter is changeable into a European alphabet letter; and displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter if the inputted alphabet is changeable into a European alphabet letter. See col.4 claim 5.

11. In regard to claim 16, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein a series of numbers are associated respectively with the European alphabet letters. See Fig.1.

12. In regard to claims 17, 22, Liu teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the displayed European alphabet letters are selected using numeral keys on a keypad, respectively. See Fig.1.

### ***Response to Arguments***

13. Applicant's arguments filed on 12/16/2003, have been fully considered but they are not persuasive.

Applicant argues that the prior art does not teach “displaying a plurality of European alphabet letters which would correspond to an input alphabet letter, selecting one of the European alphabet letters using a numeral key on a keypad of the device.” However, examiner respectfully disagrees with the argument because on Fig.1, page 1 paragraph 6, page 3 paragraph 54,56, Liu

Art Unit: 2676

teaches the display screen for displaying a plurality of European alphabet letters which would correspond to an input alphabet letter, and selecting European alphabet letter using a numeral key on the keypad. For these reasons, the rejections are maintained.

14. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

### ***Conclusion***

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Art Unit: 2676

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

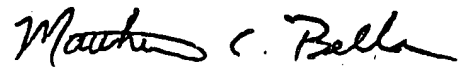
Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Technology Center 2600 Customer Service Office whose  
telephone number is (703) 306-0377.

Tam Tran

*TT*  
Examiner

Art unit 2676



MATTHEW C. BELLA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600